

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	4597	fatty acid ester with (pentaerythritol or pentaerythrityl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:02
S3	79	S2 and cyclopentasiloxane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:03
S4	47	S3 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:11
S5	6	tetraerucate with (pentaerythritol or pentaerythrityl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:17
S6	1493	fatty acid ester adj5 (pentaerythritol or pentaerythrityl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:21
S7	443	S6 with (carbon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:22
S8	434	S7 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:22
S9	2	S6 with c"2"\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:34

## EAST Search History (Prior Art)

S10	24	fatty acid polyester with (pentaerythritol or pentaerythrityl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:36
S11	22	S10 and (@ad< "20040903" or @pd< "20040903" or @prad< "20040903" or @rlad< "20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:36
S12	467	tetrabeheenate with (pentaerythritol or pentaerythrityl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:39
S13	286	S12 and (@ad< "20040903" or @pd< "20040903" or @prad< "20040903" or @rlad< "20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:39
S14	356	tetrabeheenate adj3 (pentaerythritol or pentaerythrityl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:39
S15	202	S14 and (@ad< "20040903" or @pd< "20040903" or @prad< "20040903" or @rlad< "20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:39
S16	51	S15 and cosmetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:40
S17	3	S16 and cyclopentasiloxane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:41

## EAST Search History (Prior Art)

S18	919	decamethyl cyclopentasiloxane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:42
S19	3	S18 and fatty acid polyester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:43
S20	1	(US-20060128882-\$).did.	US-PGPUB	ADJ	ON	2009/07/30 00:45
S21	1	S20 and d5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:46
S22	0	S20 and emulsifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:46
S23	1	S20 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 00:46
S24	458	(pentaerythritol or pentaerythrityl) adj3 tetrabeheenate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 11:58
S25	13	S24 and (decamethylcyclopentasiloxane or cyclopentasiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 11:58
S26	6	S25 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 11:58

## EAST Search History (Prior Art)

S27	7	"556578".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 12:48
S28	358	S24 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 13:45
S29	198	S28 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 13:51
S30	6	S29 and volatile silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 13:52
S31	3	"555040".ap. and zero	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:01
S32	192	S29 and silicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:07
S33	30	S32 and cosmetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:08
S34	162	S32 not S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:08

## EAST Search History (Prior Art)

S35	30	S32 not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:08
S36	0	us-2003206883-\$.did. or us-2003185772-\$. did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:11
S37	2	us-20030206883-\$.did. or us-2003185772-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:11
S38	4	us-20030206883-\$.did. or us-20030185772-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:11
S39	7137	ester with (pentaerythritol or pentaerythrityl) same carbon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:14
S40	1725	(pentaerythritol or pentaerythrityl) adj3 ester same carbon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:15
S41	301	S40 and (decamethylcyclopentasiloxane or cyclopentasiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:22
S42	177	S41 and (@ad< "20040903" or @pd< "20040903" or @prad< "20040903" or @rlad< "20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:23

## EAST Search History (Prior Art)

S43	176	S42 and cosmetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:23
S44	112	S42 and (decamethylcyclopentasiloxane or decamethyl cyclopentasiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:23
S45	101	S44 and emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:24
S46	0	S45 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:25
S47	0	S44 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:25
S48	1	cyclopentasiloxane and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:25
S49	1	S38 and (decamethylcyclopentasiloxane or decamethyl cyclopentasiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:26
S50	1	(pentaerythritol or pentaerythrityl) and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:27

## EAST Search History (Prior Art)

S51	0	(pentaerythritol or pentaerythrityl) adj tetraoctanoate with (pentaerythritol or pentaerythrityl) teatrabehenate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:33
S52	39	(pentaerythritol or pentaerythrityl) adj tetraoctanoate with (pentaerythritol or pentaerythrityl) tetrabehenate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:33
S53	23	S52 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:33
S54	1	S50 and (emulsion or emulsifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:37
S55	929	hectorite with pigment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:55
S56	4911	abil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:56
S57	321	S56 with emulsifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:56
S58	0	cetyl peg/ppg-100/dimethicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:57

## EAST Search History (Prior Art)

S59	1	cetyl peg/ppg-10/dimethicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:57
S60	143	cetyl peg/ppg-10/1 dimethicone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:57
S61	42	S60 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:58
S62	4	(pentaerythritol or pentaerythrityl) adj3 ester and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 14:59
S63	3455	emulsifier with (\$4butylene glycol or poe/methyl polysiloxane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:08
S64	2705	S63 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:08
S65	40	S64 and sunscreen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:08
S66	2127	emulsifier same sunscreen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:28



## EAST Search History (Prior Art)

S67	1668	emulsifier with sunscreen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:28
S68	356	emulsifier with sunscreen with emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:28
S69	310	S68 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:28
S70	19	S69 and cyclopentasiloxane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:28
S71	6	(US-20060128882-\$ or US-20030185772-\$ or US-20050249689-\$).did. or (US-5516508-\$ or US-5635165-\$ or US-6074630-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/07/30 15:54
S72	5	S71 and zinc oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:54
S73	0	zinc oxide methoxycinnamate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:55
S74	1137	zinc oxide with methoxycinnamate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:55
S75	66	zinc oxide adj3 methoxycinnamate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:56

## EAST Search History (Prior Art)

S76	54	S75 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 15:56
S77	6	"362171".ap.	US-PGPUB; USPAT	ADJ	ON	2009/07/30 15:59
S78	533	zinc oxide with nm and sunscreen	US-PGPUB; USPAT	ADJ	ON	2009/07/30 16:01
S79	416	S78 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 16:01
S80	8	S79 and dextrin palmitate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 16:02
S81	0	S79 and 4- methylbenzylidene camphor and isoamy p-methoxycinnamate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 16:06
S82	0	S79 and 4-methylbenzylidene camphor and isoamy p-methoxycinnamate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 16:06
S83	14	S79 and 4-methylbenzylidene camphor and isoamyl p-methoxycinnamate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 16:06
S84	39	water-in-silicone same sunscreen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 16:32
S85	28	S84 and (@ad<"20040903" or @pd<"20040903" or @prad<"20040903" or @rlad<"20040903")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/07/30 16:32

## EAST Search History (Prior Art)

S86	5	((SUSANNE) near2 (EMIG)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/30 16:52
S87	1	((SONJA) near2 (ENGELHARDT)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/30 16:52
S88	0	((SABINE) near2 (HARGRAVE)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/30 16:52